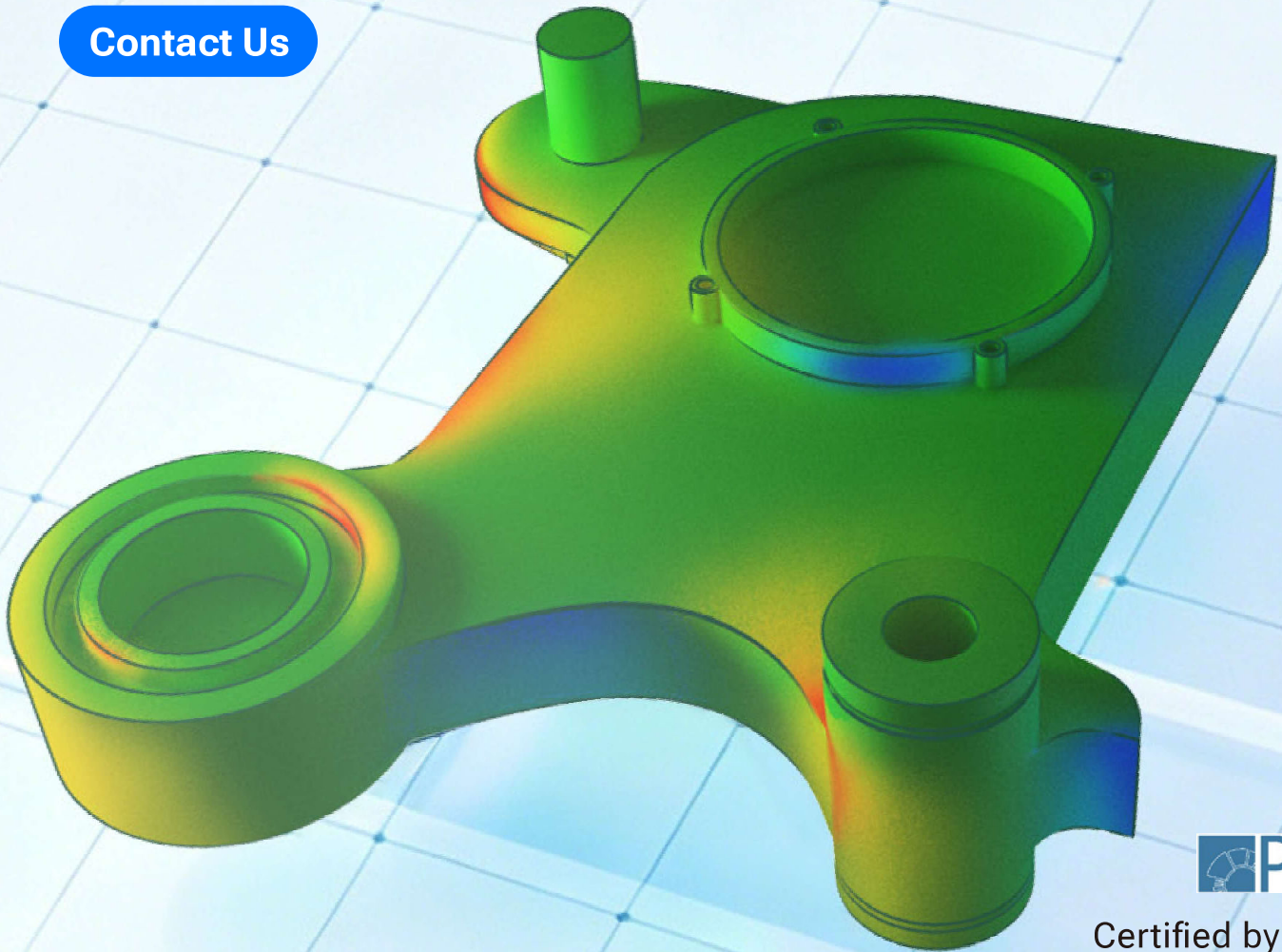


SHINING 3D
METROLOGY

SHINING3D Inspect

A streamlined, modular 3D inspection software

Contact Us



Certified by PTB



SHINING3D Inspect delivers a **streamlined, modular, and customizable** approach to 3D inspection, simplifying workflows from data acquisition to reporting. The software is suitable for dimensional inspection and quality control of components across industries such as automotive, civil aviation, and precision manufacturing.

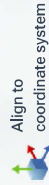
Backed by PTB-certified capability, it ensures **traceability** in every measurement. Independently developed by SHINING 3D, the 3D inspection software represents strong in-house expertise and continuous innovation.

[Get your free trial](#)



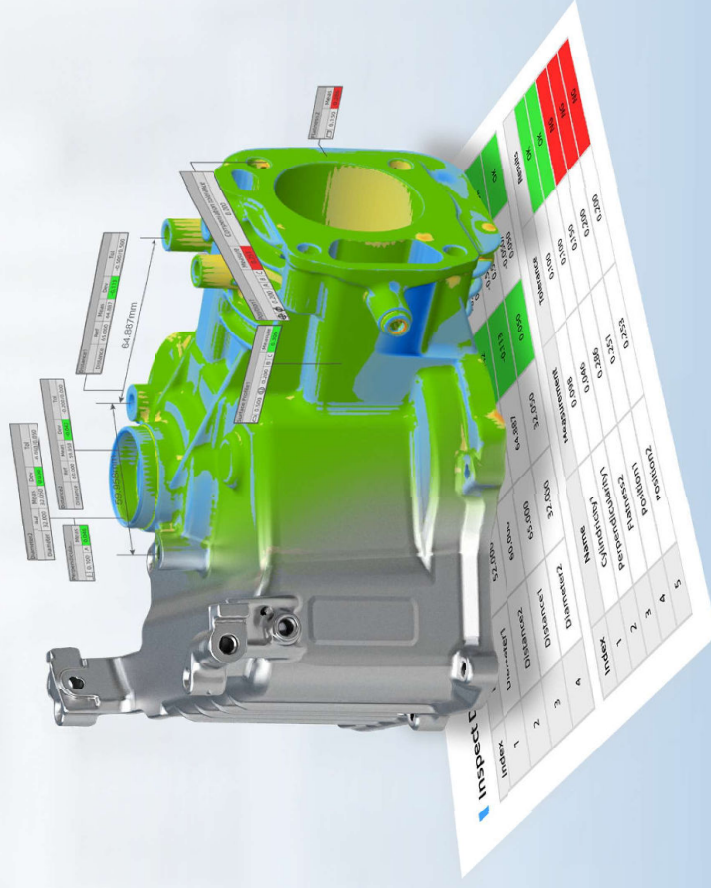


Automated and Customizable Reporting



-

- Switch between ISO and ASME
- Evaluate critical dimensions based on GD&T standards
- Support tolerance verification for functional features



- ## Customizable Reporting
- Turn inspection results into clear, structured deliverables
 - Visualize deviations and measurement results intuitively
 - Support quality documentation with full traceability
 - PTB-certified inspection capability
 - Ensures trusted and traceable measurement results

Application-Oriented Inspection Modules

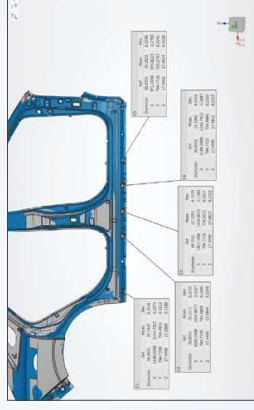
Dent Inspection

Identify dents and surface deviations efficiently.



Sheet Metal Inspection

Analyze deformation, springback, and profile deviations.



Designed for Flexible Deployment

Desktop Inspection

Full-featured inspection in a standard workstation environment



On-Device Inspection

Perform inspection directly on FreeScan Omni for faster decision-making



Automated Inspection

Integrate into automated systems for high-efficiency, repeatable workflows



Key Features



Multi-Format Data Import and Management



Multi Alignment Toolset

2D Dimensions Inspection



2D & 3D Comparison



Measurement Toolset

Customized Reporting

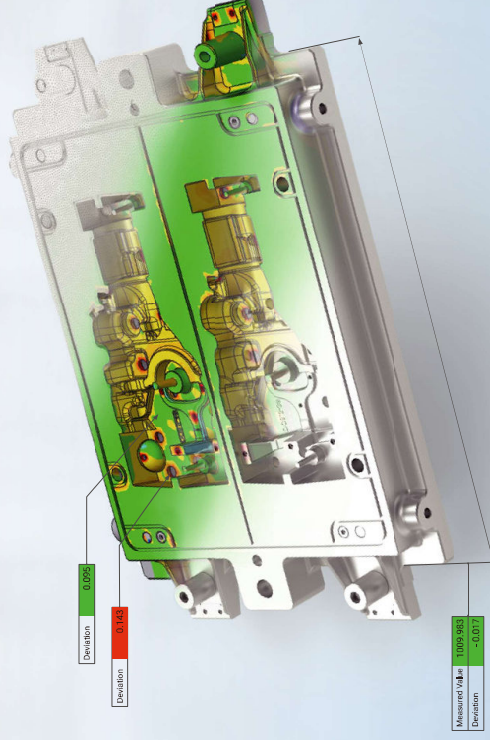


Intelligent Feature Recognition



Cross-Section Analysis Toolset

GD&T Evaluation



*Supports light and dark UI themes for different working environments

Minimum Computer Requirements

Graphics	Dedicated GPU, 6 GB VRAM or above
Memory (RAM)	8 GB or above
Storage	512 GB or above
OS	Windows 10 / 11



SHINING 3D Tech Co., Ltd.

- Hangzhou, China
P: 400-0799-666
No. 1398, Xiangbin Road, Wenyan,
Xiaoshan, Hangzhou, Zhejiang,
China, 311258

SHINING 3D (HK) COMPANY LIMITED.

- Hong Kong, China
P: 00852-23348468/23348568
Room 303A, 3/F, Tower 2, Enterprise Square Phase 1,9
Sheung Yue Road, Kowloon Bay, Kowloon, Hong Kong

SHINING 3D Technology Japan Inc.

- Tokyo, Japan
Tradepia Odaiba, 2-3-1 Daiba, Minato-ku, Tokyo

SHINING 3D Technology GmbH.

- Stuttgart, Germany
P: +49-711-28444089
Breitwiesenstraße 28, 70565, Stuttgart, Germany

SHINING 3D Technology Inc.

- California, USA
P: +1415-259-4787
2450 Alvarado St, Unit 7, San Leandro, CA 94577
- Florida, USA
2807 W Busch Blvd, Suite 200, Tampa, FL 33618



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